TRAFFIC ENGINEERING
INDEX — VOLUME XV

October 1944 - September 1945

Compiled by William B. Powell, Member I.T.E., Consulting Traffic Engineer

INDEX - VOLUME XV

ARTICLES

	Page
ADMINISTRATION	
Organization and Administration of a Traffic Engineering Department	358
CITY PLANNING	
Express Highway System for Los Angeles	269
Federal Aid for Urban Highways	304
Fort Wayne Plans Arterials for Post-War	332
Freeways Relieve Traffic Congestion and Conserve Property Values	15
Funds Available for the Preparation of Public Works Plans	404
Major Economic Functions as Base for Intercity Comparisons	454
Non-Essential Railroads Offer Ideal Routes for Expressways	398
Planning Post-War Highways in Cities	319
Recreational Areas and Limited Access Highways	68
State of New York to Build and Pay for Urban Arterials	403
CONTROL DEVICES AND METHODS	
Capacity Providing Divisional Fins	458
Design of Reflectorized Stop and Slow Signs	487
Design of Signs for Pentagon Road Network	246
Getting the Most out of Your Traffic Signal System	2
Lifting the Face of the Traffic Signs	422
Pre-Cast Curb Block Channelizes Traffic	98
Signs and Signals Maintenance Eliminates Accidents	65
Simplifying Traffic Lane Delineation	92
South Bend Develops Unique Pedestrian Signals	89
"Thar's Metal on Those Highways" (Mechanical Collection)	235
EDUCATION	
Education Needed for Solving Present and Future Traffic Problems	438
Post-War Highway Program to Benefit Education in Rural Sections	492
Traffic Control Training	135
Yale Traffic Bureau Activities	276
ILLUMINATION	
Buffalo Requests More Light	253
LAWS, REGULATIONS AND ENFORCEMENT	
Brake Emphasis Program	205
Michigan Brake and Pedestrian Campaign	184
Pedestrian Regulations in Use and Preferred	193
Police Find One Car in Seven Has Poor Brakes	494
Uniform Pedestrian Regulations and Enforcement	91
Warrants for Rural Sidewalks	210
PARKING AND TERMINALS	
Comments on Parking Symposium	379
Control of Curb Parking	176
Development of Off-Street Parking in Arlington County, Va.	309
New York's New Union Truck Terminal	44
Planning Off-Street Parking Lots	169
The Parking Problem (Editorial)	157
Parking Problem Goes to the Polls in Ohio Municipality	94
Parking and Terminal Problems	158
Parking Meters in Pennsylvania Municipalities	164
Pasadena Tackles its Parking Problem	441
Terminal Problems in Wilmington	327

BOOKS AND REPORTS

Chicago Looks Ahead (Chicago Planning Commission)	287
Freeway Sketches, Report of American Transit Assoc.	115
How Cities Protect Pedestrians (American Automobile Assoc.)	199
Method of Making Short Counts (University of Wisconsin)	287
Modern Highways in City Planning (G. D. Kennedy)	202
Proceedings, 1st Connecticut Traffic Engineering Conference	287
Proceedings, 1st Ohio Traffic Engineering Conference	287
Rochester Traffic Survey Report	282
St. Louis Traffic Engineering and Accident Report	287
Seattle Traffic Engineering Report	38
Solutions to Local Parking Problems (D. Grant Mickle)	160
State Traffic Law Enforcement	79
War Worker Transportation	74, 199

MAGAZINES AND PERIODICALS

American City	188, 202, 227, 486
American Highways	420
American Physics Teacher	264
Automotive News	150, 262
Better Roads	7
California Highways and Public Works	14, 15, 51, 233
Commercial Car Journal	242
Engineering News Record	201, 280
Highway Research Abstracts	91, 405, 440, 504
Military Police Bulletin	10
Pan American Union Bulletin	452
Passenger Transport	23, 174, 303
Pennsylvania Chiefs of Police	164
Public Administration Clearing House	440, 445, 454
Silicate P's and Q's	402
Street and Traffic Safety	462
Transport Topics	141

AUTHORS

Allgaier, E., 101, 193, 206
Beakey, J., 210, 331
Berry, D. S., 313
Boate, Capt. T. N., 449
Bollong, J. W. A., 9, 117, 392
Blucher, W. H., 7
Buell, T. E., 6
Copell, E. F., 290
Crandall, F. B., 210
Damon, N., 25
Ecker, J., 82
Eckhardt, H. G., 94
Evans, H., 1, 53, 169, 245
Fisher, G. J., 98, 446
Fleming, P. B., 404
Gallagher, Lt. Com. J., 128
Gove, Capt. A. W., 119, 354
Grumm, F., 15
Hale, H. H., 304
Hall, W. E., 483
Halsey, M., 184, 227
Hammond, H. F., 205
Harger, R. C., 422
Harbes, J. F., 296
Holmes, Maj. R., 135, 499
Jelinek, O. K., 28, 93, 458
Koch, H. C., 176
Koester, E. F., 327
Leedecker, C. F., 164
Leroy, H. M., 2
Leewarch, E. E., 373
Loutzenheiser, D. W., 246
Lynch, J. T., 478
MacDonald, T, 289
Marsh, B. W., 158
Matson, T. M., 157, 276, 351
McConochie, W. R., 319
McCordic, G. W., 68
McGillivray, R. K., 191, 346
Mickle, D. G., 358
Miller, A. E., 91
Miller, E. H., 89
Miller, J. M., 441
Morrison, R. L., 438
Murray, W. C., 192
Neal, H. E., 41
"Old Roadbuilder," 420
Osborne, H. W., 253
Potts, W. L., 65
Powell, H. L., Jr., 363
Powell, W. B., 398
Reading, J. E., 366
Reid, L. B., 95
Riley, R. H., 259
Robinson, M., 487
Seburn, T. J., 81, 392
Sells, C. H., 403
Shoaf, R., 464
Simpson, H. S., 353
Simpson, R. E., 370
Siver, R. W., 437
Smith, W. S., 477
Sours, H. G., 47
Spencer, W. B., 58
Stephenson, C., 216
Stoneburner, C. G., 309
Truman, Pres. Harry, 397
Upham, C. M., 235, 492
Wellman, Lt. E. W., 10
Wells, Capt. W. H., 124
White, J. T., 332
Williams, L., 406
Willier, T., 265
Wilson, B., 42
Woodling, H. B., 376
Worley, J. S., 68

SAFETY

Automobile Damage and Man-Days Lost Due to Traffic Accidents 53
The Commercial Vehicle and Police—in Traffic Safety 449
Fatal Pedestrian Accidents in Connecticut 370
Fingerprinting State Highways for Safety 42
If We Want Safety, We Can Have It 483
Let's Face the Facts 25
The National Committee for Traffic Safety 272
One-Way Traffic System Reduces Accidents and Congestion 191
Pedestrian Problems in Houston 265
Pedestrian Traffic Barrier Cuts Akron's Accident Toll 376
Plans for Post-War Safety 47
Reducing Traffic Accidents on and off Army Posts 499
United for Greater Safety 313

STREETS AND HIGHWAYS

Federal Aid Bills (Editorial) 41
Federal Aid Highway Act Marks a Milepost (Editorial) 289
Oldest Road in the World 420
Pending Federal Highway Program 49
Preparing for Post-War Traffic on Existing Streets 446
A Switch in Thinking (Editorial) 245

SURVEYS AND STUDIES

Braking Distances 206
Comparison of Rural and Urban Traffic Volumes in Seattle Area 373
Detroit Makes a Traffic Survey 77, 95
Development of Traffic Data by the California Highway Division 233
Origin and Destination Surveys in Urban Areas 296, 478
Our Reader Survey (Editorial) 1
Traffic Signals and the Size of Cities 101

TRAFFIC ENGINEERING

Dedication to Service Members (Editorial) 117
Handling Traffic on Existing Highways 290
Highway Traffic Control in the Hawaiian Islands 363
How Traffic Engineering Handled a Third of a Million Spectators 28
Military Traffic Control in England for D Day 124
Military Traffic Engineering After VE Day (Letter) 464
Normandy Invasion Traffic 119
One-Way, Through, and No-Left-Turn Streets 227
San Diego's Traffic Problem During Wartime 366
Traffic Control in Casablanca 10
Traffic Engineering in the Navy 128
Traffic Engineering Moves Ahead (Editorial) 477
Traffic Planning and Coordination Urged 418
What Is a Traffic Engineer? (Editorial) 437

TRANSIT

Post-War Transit System Plans Must Be Considered at Once 259
Post-War Transit vs. Automobile Traffic 216
Providence Modernizes Its Public Transit System 58
Transit and Urban Expressways 406
Transit in Post-War Planning 81
Transit's Place in Post-War Urban Transportation 82

TRANSPORTATION

Air Service Authorization Requested 258
Appreciation of Office of Defense Transportation 397
A Turning Point (Editorial) 353
Fifth Army Does a Colossal Job 141
First Army Traffic, Normandy to Germany 354
Order or Confusion in City Transportation Planning 7
Discussion 9

NEWS ITEMS

ADMINISTRATION

California Appoints State Traffic Safety Commission 237
Kansas City Centers Public Relations in New Department 445
Personnel of County Highway Departments 172
Use of Public Relations Techniques in a Traffic Matter 511

CITY PLANNING

Aristotle on City Planning 486
Broad Planning Program Launched by Wilmington, N. C. 257
City Arterials Reported From Many Places 346, 388
Four States Finance Local Plans for Public Works 48
$40,000,000 Expressway Proposed in Baltimore 203
Lincoln Tunnel 126
State Funds Appropriated for City Projects 482

CONTROL DEVICES AND METHODS

Connecticut's New Signs 192
Definition of Traffic Lanes 155
Detroit Installing Modern Signal System 357
Paint Tests for Los Angeles 202
Polarized Traffic Signs 242
Scotch Lite Kits for Army 145
South Bend Modernizes Signs 414
Traffic Signal Warrants (Humorous) 260
Treatment of Icy Pavements 168
Unique Pedestrian Island 71
Warrants for Cross Walk Lines 395

EDUCATION

F. B. I. National Police Academy 199
Oregon State College Training Institute 106
Purdue University Road School 155
Northwestern University Traffic Training Institute 30, 109
Yale Traffic Bureau 202, 426

ILLUMINATION

Cost of Poor City Lighting 462
Radio Controlled Street Lights 318
Street Lighting System Design 504

INSTITUTE OF TRAFFIC ENGINEERS

Activities 10 Years Ago 78, 113, 150, 201, 241, 287, 344, 380, 427, 462, 508
Committee on Post-War Planning 31
Convention, 15th Annual, 1944 32
Convention, 16th Annual, 1945 73, 383, 507

Committee on Traffic Engineering Handbook 428
Committee on Traffic Engineering Techniques and Organization 237
Committee Chairmen Announced 73, 197
Cooperation with 16th N. Y. Annual Safety Conference 149
Headquarters Moved to New Haven 383
History of Traffic Engineering Profession 73
Personals 36, 74, 107, 118, 147, 151, 198, 239, 283, 331, 383, 429, 464, 507
Qualifications for Membership 242
Sections Formally Recognized 195
Section Meetings, E. T. O. 282
Michigan 195
New York 38, 103, 147, 195, 237, 281, 382
Washington 38, 103, 147, 197, 237, 281, 330, 382, 428, 464

LAWS, REGULATIONS AND ENFORCEMENT

First Bicycle Ordinance Avalon, Pa. 146 Kansas 242
Keep to Right Law Since 1813 504
New Commercial Buildings Obliged to Provide Parking Facilities 482
Red Tape 174
Ribbon Cutting Dates Back Centuries 14
South Americans Turn to Right Hand Driving 452
Uniform Traffic Control Manual Revisions Planned 145

MEETINGS AND ORGANIZATION ACTIVITIES

American Automobile Assoc. President Henry Honored 113
American Assoc. State Highway Officials, 30th Annual 154
A.S.C.E. Committee on Post-War Construction 115
American Transit Assoc. Officers 78
Committee for Economic Development Conducts Radio Series 495
Connecticut Engineers Meet Monthly 386
Eno Foundation Adds Editorial Director 109
Highway Research Board 38, 202,491
International Municipal Signal Assoc., 49th Annual 79
Michigan Highway Conference, 31st Annual 202
National Safety Council 286, 338, 455
New York Joint Legislative Committee, 10th Annual 203
New York Safety Conference, 16th Annual 149, 242
Ohio Traffic Engineering Conference 77
Post-War Traffic Safety Committee 188

PARKING AND TERMINALS

Burlingame, Cal., Plans Free Parking Areas 201
431 Cities Operating 200,000 Parking Meters 427
Michigan Communities Provide Off-Street Parking Facilities 395
Off-Street Parking, Lewiston, Me. 167
Off-Street Parking Relieves Street Traffic Congestion 188
Parking in Berkeley, Cal. 275
Parking Meters in Pennsylvania 115
Underground Garage Proposed for Boston 394
Union Metal Enters Parking Meter Field 194
Vandalism and Parking Meters 440
Zoning District for Parking Lots in Detroit 201

SAFETY
American M. P.'s Keep Down Accidents in France 143
Educational Picture "X Marks the Spot" 508
Pedestrian Deaths Soar 252
Road Safety in England 115, 440
Rural Fatalities 56
Three States Undertake Safety Campaigns 145
Traffic Deaths Decrease During Early 1945 452

STREETS AND HIGHWAYS
Alcan Highway 63
Bus Loading Strips to Save Asphalt Wear 489
Four Level Grade Separation for Los Angeles 51
New York City Post-War Plans 87
Peruvian Highway 52
Post-War Road Construction Plans 280
Road Building Advanced as Unemployment Relief 394
Tax Diversion Has Deprived Highways of 2 Billion Dollars 513
Virginia High School Boys Help Save Roads 426

SURVEYS AND STUDIES
Eno Foundation Launches a Study 279
Illinois Traffic 285
Nation's Police to Launch Brake Check Program 183
Origin and Destination Studies in Nebraska and Iowa 134
San Antonio 110, 235
San Jose Parking Study 162
Syracuse Transportation Study 110
Survey of 1945 Patents by Nat'l Assoc. of Manufacturers 513

TRAFFIC ENGINEERING
American Public Works Assoc. Asks for Traffic Planning 202
Bay City, Mich., Routes Traffic 115
Jaycees Attack Traffic Problem 279
Post-War Traffic Increases Predicted 262
Scope of Traffic Engineering Defined 88
Traffic Direction by Radio at Football Game 395

TRANSIT
Detroit Transit Plans 262
Washington Subway System 105

TRANSPORTATION
Captured "Twerps" Assist in Convoy Duties 123
O. D. T. Highway Regions 105
Public Transportation Crisis 6
Transportation Corps Insignia 144
Trucks Operating on 20 Hour Schedule 121

VEHICLES AND ACCESSORIES
Automatic Brake 93, 214
Automobile Demand 280
Automobile Design Post-War 115, 339
Bicycles, 3 Million in Sweden 364
Brakes, Facts and Figures 209
Crank Case Ventilation 392
First Automobile Journey 264 Race 149
Ford Model A to Return 150
French Auto Plants 163, 242
Gasoline Handling and Consumption 91, 125, 165, 405
Motor Vehicle Registration 203, 248
Perambulator Problem 23
Planes Impractical for Short Trips 303
Post-War Auto 115
Tire Supply 231

143
508
252
440
56
145
452

63
489
51
87
52
280
394
513
426

279
285
183
134
235
162
110
513

202
115
279
262
88
395

262
105

123
105
6
144
121

214
280
339
364
209
392
149
150
242
405
248
23
303
115
231